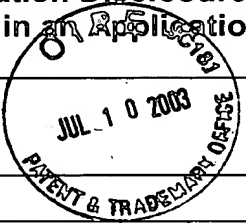
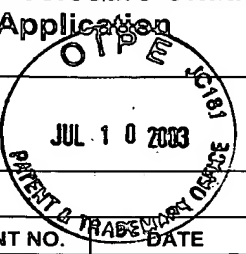


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PTO-1449 Information Disclosure Citation On an Application		Application No. 09/415,293		Applicant(s) Earl T. Carter		<b>RECEIVED</b> <b>JUL 14 2003</b> Technology Center 2100	
JUL 10 2003 PATENT & TRADEMARK OFFICE		Docket Number 062891.0324		Group Art Unit 2132 <del>Unknown</del>		Filing Date 10/8/99	
<b>U.S. PATENT DOCUMENTS</b>							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
Am	A	5,796,942	8/18/98	Daniel Esbensen ✓	395	187.01	11/21/96
Am	B	5,793,763	8/11/98	Mayes, et al. ✓	370	389	11/3/95
Am	C	5,557,742	9/17/96	S.E. Smaha, et al. ✓	395	186	3/7/94
Am	D	5,032,979	7/16/91	Hecht et al. ✓	364	200	6/22/90
Am	E	5,278,901	1/11/94	Shieh et al. ✓	380	4	4/30/92
Am	F	5,101,402	3/31/92	Chiu et al. ✓	370	17	5/24/98
Am	G	5,414,833	5/9/95	Hershey et al. ✓	395	575	10/27/93
Am	H	5,826,014	10/20/98	Coley et al. ✓	395	187.01	2/6/96
Am	I	5,805,801	9/8/98	Holloway et al. ✓	395	187.01	1/9/97
Am	J	5,798,706	8/25/98	Kraemer et al. ✓	340	825.07	6/18/96
Am	K	5,699,513	12/16/97	Feigen et al. ✓	395	187.01	3/31/95
Am	L	5,621,889	4/15/97	Lermuzeaux et al. ✓	395	186	6/8/94
Am	M	5,606,668	2/25/97	Gil Shwed ✓	395	200.11	12/15/93
Am	N	5,524,238	6/4/96	Miller et al. ✓	395	600	3/23/94
Am	O	5,488,715	1/30/96	Paul Wainwright ✓	395	182.02	8/1/94
<b>FOREIGN PATENT DOCUMENTS</b>							
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<b>NON-PATENT DOCUMENTS</b>							
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
Am	Q	"Preliminary Report on Advanced Security Audit Trail Analysis on UNIX," N. Habra et al., pp. 1-34 (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).					9/94
Am	R	"IDIOT-Users Guide," M. Crosbie, et al., pp. 1-63, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).					9/96
Am	S	"An Introduction to Intrusion Detection," A. Sundaram, pp. 1-10, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).					4/96
Am	T	"Use of A Taxonomy of Security Faults," T. Aslam, et al., pp. 1-10, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).					9/96
Am	U	"Artificial Intelligence and Intrusion Detection: Current and Future Directions," Jeremy Frank, pp. 1-12, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).					6/94
EXAMINER Abdulhakim Nobahar				DATE CONSIDERED 9/25/03			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

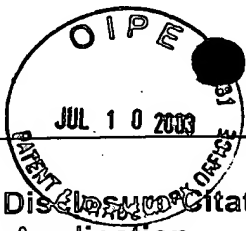
PTO-1449 <b>Information Disclosure Citation in an Application</b>		Application No 09/415,293	Applicant(s) Earl T. Carter		<b>RECEIVED</b> <b>JUL 14 2003</b> Technology Center 2100	
		Docket Number 062891.0324	Group Art Unit <del>Unknown</del> 2132	Filing Date 10/8/99		
<b>U.S. PATENT DOCUMENTS</b>						
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<b>NON-PATENT DOCUMENTS</b>						
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
<i>Am</i>	C	"ASAX Conceptual Overview," ASAX Brochure, A. Mounji, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).				1992
<i>Am</i>	D	"GrIDS-A Graph Based Intrusion Detection System For Large Networks," S. Staniford-Chen, et al., 10 pages, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).				1996
<i>Am</i>	E	"A Pattern Matching Model For Misuse Intrusion Detection," S. Kumar, et al., pp. 1-11, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).				6/94
<i>Am</i>	F	"An Application of Pattern Matching in Intrusion Detection", S. Kumar, et al., pp. 1-55, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).				3/95
<i>Am</i>	G	"A Software Architecture to Support Misuse Intrusion Detection", S. Kumar, et al., pp. 1-17, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).				1995
<i>Am</i>	H	"Applying Genetic Programming to Intrusion Detection", M. Crosbie, et al., pp. 1-8, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).				11/95
<i>Am</i>	I	"Defending a Computer System Using Autonomous Agents", M. Crosbie, et al., pp. 1-11, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).				3/94
<i>Am</i>	J	"Analysis Of An Algorithm For Distributed Recognition And Accountability", C. Ko, et al., pp. 1-11, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).				1993
<i>Am</i>	K	"A Standard Audit Trail Format", Matt Bishop, Proc. of the 1995 NISSC, Baltimore, MD., (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1995
<i>Am</i>	L	Master Thesis entitled "USTAT A Real-time Intrusion Detection System for UNIX, University of California, K. Ilgun, pp. 1-204, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ24.html">http://www.cs.purdue.edu/coast/archive/data/categ24.html</a> ).				11/92
<i>Am</i>	M	"A Weakness in the 4.2BSD Unix TCP/IP Software", R. Morris, 4 pages, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).				2/85
<i>Am</i>	N	"The Architecture and Implementation of Network-Layer Security Under Unix", J. Ioannidis, et al., 11 pages, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).				10/93
<i>Am</i>	O	"A Best-Case Network Performance Model", S.M. Bellovin, pp. 1-10, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).				2/92
EXAMINER <i>Abdulkakim Nobakar</i>			DATE CONSIDERED <i>9/25/03</i>			
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PTO-1449 Information Disclosure Citation in an Application		Application No. 09/415,293	Applicant(s) Earl T. Carter		<b>RECEIVED</b> <b>JUL 14 2003</b> Technology Center 2100	
		Docket Number 062891.0324	Group Art Unit 2132 Unknown	Application No. 10/8/99		
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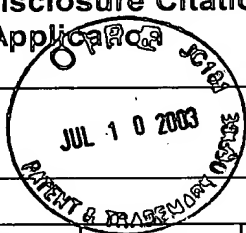
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NON-PATENT DOCUMENTS		
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
<i>am</i>	C "OARnet Security Procedures", K. Varadhan, pp. 1-14, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	9/92
<i>am</i>	D "Paving The Road To Network Security Or The Value Of Small Cobblestones", H. Orman, et al., pp. 1-17, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	5/94
<i>am</i>	E "Packets Found on an Internet", S. Bellovin, pp. 1-6, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	8/93
<i>am</i>	F "Security Problems in the TCP/IP Protocol Suite", S.M. Bellovin, (reprinted from Computer Communication Review, Vol. 19, No. 2, pp. 32-48) pp. 1-17.	4/89
<i>am</i>	G "A Security Analysis of the NTP Protocol", Matt Bishop, pp. 1-20, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	1990
<i>am</i>	H "WAN-hacking with AutoHack-Auditing Security Behind the Firewall", Alec Muffett, 14 pages, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	6/95
<i>am</i>	I "ACMAINT: An Account Creation and Maintenance System for Distributed UNIX Systems", D.A. Curry, et al., pp. 1-9, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	10/90
<i>am</i>	J "NFS Tracing By Passive Network Monitoring", Matt Blaze, 11 pages, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	1992
<i>am</i>	K "Pseudo-Network Drivers and Virtual Networks", S.M. Bellovin, 15 pages, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	1/90
<i>am</i>	L Masters Thesis entitled "Addressing Weaknesses In The Domain Name System Protocol", Purdue University, Christoph Schuba, pp. 1-87., (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	8/93
<i>am</i>	M "Countering Abuse of Name-Based Authentication", C.L. Schuba, et al., pp. 1-21., (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	4/94
<i>am</i>	N "The 'Session Tty' Manager", S.M. Bellovin, pp. 1-16., (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	Summer 1988
<i>am</i>	O "Secure RPC Authentication (SRA) for TELNET and FTP", D.R. Safford, et al., pp. 1-5, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	1993
<i>am</i>	P "A Reliable and Secure UNIX Connection Service", D. Draheim, et al., pp. 1-12, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	1987
<i>am</i>	Q "TCP Wrapper Network Monitoring, Access Control, and Booby Traps", Wietse Venema, 8 pages., (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	1992

EXAMINER <i>Abdulkhakim Nobakar</i>	DATE CONSIDERED <i>9/25/03</i>
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		Docket Number 062891.0324	Group Art Unit <del>Unknown</del> 2132	Technology Center 2100 Filing Date 10/8/99		
U.S. PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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B						
NON-PATENT DOCUMENTS						
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
Am	C	"Characteristics of Wide-Area TCP/IP Conversations", R. Cáceres, et al., pp. 1-12, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).				9/91
Am	D	"A Unix Network Protocol Security Study: Network Information Service", D.K. Hess, et al., 5 pages, (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).				1992
Am	E	"Insertion, Evasion, and Denial of Service: Eluding Network Intrusion Detection", T.H. Ptacek et al., pp. 1-63.				1/98
Am	F	"A Method to Detect Intrusive Activity in a Networked Environment", L.T. Heberlein et al., Proc. of the 14th National Computer Security Conference, Oct. 1991, pp. 362-371., (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)				1991
Am	G	"Internetwork Security Monitor: An Intrusion-Detection System for Large-Scale Networks", L.T. Heberlein et al., Proc. of the 15th National Computer Security Conference, October 1992, pp. 262-271.				1992
Am	H	"Comparison Between Internet Security Scanner (ISS) 1.x and Internet Scanner 3.2", by Internet Security Systems., (found at <a href="http://www.iss.net">http://www.iss.net</a> ).				1996
Am	I	"Automated Tools for Testing Computer System Vulnerability", W.T. Polk, 40 pages.				12/92
Am	J	"The Design of GrIDS: A Graph-Based Intrusion Detection System, S. Cheung et al., U.C. Davis Computer Science Department Technical Report SCE-99-2, 1999, pp. 1-47, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)				1/26/99
Am	K	"Luby-Rackoff Backwards: Increasing Security by Making Block Ciphers Non-Invertible", M. Bellare, et al., Advances in Cryptology-Eurocrypt 98 Proceedings, Lecture Notes in Computer Science, Vol. 1403 Springer-Verlat (1998) pp. 1-27, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)				10/17/98
Am	L	"Detecting Disruptive Routers: A Distributed Network Monitoring Approach", K.A. Bradley, et al., Proceedings of the 1998 IEEE Symposium on Security and Privacy, Oakland, CA, pp. 115-124 (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)				5/98
Am	M	"Stack and Queue Integrity on Hostile Platforms", P.T. Devanbu, et al., IEEE Symposium on Security and Privacy, Oakland CA, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)				1998
Am	N	"Techniques for Trusted Software Engineering", P.T. Devanbu et al., Proceedings of the 20th International Conference on Software Engineering, Kyoto, Japan, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)				1998
EXAMINER Abdulkakim Nobakar			DATE CONSIDERED 9/25/03			
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NON-PATENT DOCUMENTS			
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<i>Am</i>	C	"Data Level Inference Detection in Database Systems", R.W. Yip et al., Proceedings of the 11th IEEE Computer Security Foundations Workshop, Rockport, Massachusetts, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	1998
<i>Am</i>	D	"The Design and Implementation of a Data Level Database Inference Detection System", Yip et al., Proceedings of the Twelfth Annual IFIP WG 11.3 Working Conference on Database Security, Chalkidiki, Greece 14 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	1998
<i>Am</i>	E	"Theft of Information in the Take-Grant Protection Model", Matt Bishop, 35 pages, Journal of Computer Security 4(4)(1996), (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	3/13/97
<i>Am</i>	F	"Information Survivability, Security, and Fault Tolerance", Matt Bishop, position paper for the Information Survivability Workshop Journal of Computer Security #6) 1 page, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	1997
<i>Am</i>	G	"Teaching Computer Security", Matt Bishop, position paper for the Workshop on Education in Computer Security, Monterey CA, 3 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	1997
<i>Am</i>	H	"Protecting Routing Infrastructures from Denial of Service Using Cooperative Intrusion Detection", S. Cheung et al., Proc. new Security Paradigms Workshop, Cumbria, UK 13 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	1997
<i>Am</i>	I	"An Efficient Message Authentication Scheme for Link State Routing", S. Cheung, Proc. 13th annual Computer Security Applications Conference, San Diego, CA, 9 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	1997
<i>Am</i>	J	"Cryptographic Verification of Test Coverage Claims", P. Devanbu et al., Proceedings, Fifth ACM/SIGSOFT Conference on Foundations of Software Engineering Zurich, Switzerland) (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	1997
<i>Am</i>	K	"Property-Based Testing: A New Approach to Testing for Assurance", Fink et al., ACM SIGSOFT Software Engineering Notes, 22(4), (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	1997
<i>Am</i>	L	"Checking for Race Conditions in File Accesses", Bishop et al., Computing Systems 9(2), (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	1996
<i>Am</i>	M	"An Isolated Network for Research", Bishop et al., The 19th NISSC, pp. 1-9, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	1996
<i>Am</i>	N	"Goal-Oriented Auditing and Logging", Bishop et al., submitted to IEEE Transactions on Computing Systems, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	1996
<i>Am</i>	O	"Extending The Take-Grant Protection System", J. Frank et al., The IEEE Oakland Conference on Research in Security and Privacy., (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	12/5/96
<i>Am</i>	P	"Network Security Via Reverse Engineering of TCP Code: Vulnerability Analysis and Proposed Solutions, Guha et al., Proc. of the IEEE Infocom '96, San Francisco, CA (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .)	1996

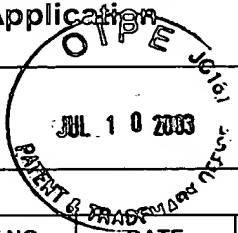
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*Abdulhakim Nobrhan*

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*9/25/03*

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		Docket Number 062891.0324		Group Art Unit 2132 <del>Unknown</del>	Technology Center 2100 Filing Date 10/8/99		
		U.S. PATENT DOCUMENTS					
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
A							
FOREIGN PATENT DOCUMENTS							
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						YES NO	
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NON-PATENT DOCUMENTS							
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE	
an	C	"Attack Class: Address Spoofing", Heberlein et al., The 19th National Information Systems Security Conference, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1996	
an	D	PhD. Theses entitled "Execution Monitoring Of Security-Critical Programs In A Distributed System: A Specification-Based Approach, Calvin Cheuk Wang Ko, 111 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1996	
an	E	"A Methodology for Testing Intrusion Detection Systems", Puketza et al., <i>IEEE Transactions on Software Engineering</i> , Vol. 22, No. 10, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1996	
an	F	"The Exact Security of Digital Signatures-How to Sign with RSA and Rabin", Bellare et al. Earlier version appears in <i>Advances in Cryptology-Eurocrypt '96</i> , LNCS Vol. 1070, U. Maurer ed., Springer-Verlag, pp. 399-416), (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1996	
an	G	"How to Protect DES Against Exhaustive Key Search", Kilian et al., <i>Advances in Cryptology - CRYPTO '96</i> , (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1996	
an	H	"GridS-A Graph Based Intrusion Detection System For Large Networks", Staniford-Chen et al., <i>The 19th NISSC</i> , 10 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1996	
an	I	"NetKuang-A Multi-Host Configuration Vulnerability Checker", Zerkle et al., <i>Proc. of the 6th USENIX Security Symposium</i> , San Jose, CA., (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1996	
an	J	Abstract entitled "Theft of Information in the Take-Grant Protection Model, Matt Bishop, <i>Journal of Computer Security</i> , Vol. 3, No. 4, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1995	
an	K	"Improving System Security via Proactive Password Checking", Matt Bishop, <i>Computers &amp; Security</i> , Vol. 14, No. 3, pp.233-249, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1995	
an	L	"Simulating Concurrent Intrusions for Testing Intrusion Detection Systems: Parallelizing Intrusions", Chung et al., <i>Proc. of the 1995 NISSC</i> , Baltimore, MD, 11 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1995	
an	M	"Network Security Monitor", L. Todd Heberlein, <i>Lawrence Livermore National Laboratory project deliverable</i> , (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1995	
an	N	"Audit Log Analysis Using the Visual Audit Browser Toolkit", Hoagland et al., <i>U.C. Davis Computer Science Department Technical Report CSE-95-11</i> , (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1995	
an	O	"MCF: A Malicious Code Filter", R.W. Lo et al., <i>Computers &amp; Security</i> , (1995) Vol. 14, no. 6. (27 pages.), (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).				1995	
EXAMINER Abulhakim Nobakar			DATE CONSIDERED 9/25/03				
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Information Disclosure Citation in an Application		Docket Number 062891.0324		Group Art Unit 3132 Unknown	Filing Date 10/8/99		
<b>U.S. PATENT DOCUMENTS</b>							
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<b>FOREIGN PATENT DOCUMENTS</b>							
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<b>NON-PATENT DOCUMENTS</b>							
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)						DATE
C	"Bucket Hashing and its Application to Fast Message Authentication", Phillip Rogaway, <i>Advances in Cryptology - CRYPTO '95</i> , (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						1995
D	"Provably Secure Session Key Distribution-The Three Party Case", Bellare et al., <i>Proc. of the 27th Annual ACM Symposium on Theory of Computing</i> , Las Vegas, NV, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						1995
E	"XOR MACs: New Methods for Message Authentication Using Finite Pseudorandom Functions", Bellare et al., <i>Advances in Cryptology - CRYPTO '95</i> , (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						10/95
F	"Holding Intruders Accountable on the Internet", Staniford-Chen et al., <i>Proc. of the 1995 IEEE Symposium on Security and Privacy</i> , Oakland, CA, (11 pages) (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						1995
G	"LAFS: A Logging and Auditing File System", Christopher Wee, <i>Proc. of the 11th Computer Security Applications Conference</i> , 10 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						1995
H	"Towards a Property-based Testing Environment with Applications to Security-Critical Software", Fink et al., <i>Proc. of the 4th Irvine Software Symposium</i> , 10 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						1994
I	"Property-based Testing of Privileged Programs", Fink et al., <i>Proc. of the 10th Annual Computer Security Applications Conference</i> , Orlando, FL, 10 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						12/94
J	"Artificial Intelligence and Intrusion Detection: Current and Future Directions", Jeremy Frank, <i>Proc. of the 17th National Computer Security Conference</i> , 12 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						1994
K	"Automated Detection of Vulnerabilities in Privileged Programs by Execution Monitoring", Ko et al., <i>Proc. of the 10th Annual Computer Security Applications Conference</i> , Orlando, FL, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						1994
L	"Common Techniques in Fault-Tolerance and Security", Levitt et al., <i>Proc. of the Dependable Computing for Critical Applications 4</i> , San Diego, CA, 4 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						1994
M	"Network Intrusion Detection", Mukherjee et al., <i>IEEE Network</i> , May-June 1994, Vol. 8, No. 3, pp. 26-41. (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						1994
N	"A New Suggestion for How to Encrypt with RSA", Bellare et al., <i>Eurocrypt '94</i> , 20 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						1994
O	"The Security of Cipher Block Chaining", Bellare et al., <i>Advances in Cryptology - CRYPTO '94</i> , Santa Barbara CA, (19 pages.) (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						1994
P	"Analysis Of An Algorithm For Distributed Recognition And Accountability", Ko et al., <i>Proc. 1st ACM Conference on Computer and Communication Security</i> , Fairfax, VA, Nov. 1993, 11 pages, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).						1993
EXAMINER <i>Abdulhakim Hobakar</i>				DATE CONSIDERED <i>9/25/03</i>			
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		Docket Number <b>062891.0324</b>	Group Art Unit <b>2132 Unknown</b>	Filing Date <b>10/8/99</b>			
<b>U.S. PATENT DOCUMENTS</b>							
		<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE</b>
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							<b>YES</b> <b>NO</b>
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<b>NON-PATENT DOCUMENTS</b>							
		<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>					<b>DATE</b>
Am	E	"Entity Authentication and Key Distribution". Bellare et al., <i>Advances in Cryptology - CRYPTO '93</i> , Santa Barbara, CA, Aug 1993, pp. 232-249. (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					8/93
Am	F	"Random Oracles are Practical: A Paradigm for Designing Efficient Protocols". Bellare et al., <i>Proc. of the 1st ACM Conference on Computer and Communication Security</i> , Fairfax, VA, Nov. 1993, pp. 1545-164. (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					1993
Am	G	"A Software-Optimized Encryption Algorithm", Rogaway et al., <i>Proc. of the Fast Software Encryption Cambridge Security Workshop</i> , Cambridge, UK (16 pages.) (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					1993
Am	H	"Anatomy of a Proactive Password Changer", Matt Bishop, <i>Proc. of the UNIX Security Symposium III</i> Baltimore, MD, 15 pages. (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					1992
Am	I	"DIDS (Distributed Intrusion Detection System)- Motivation, Architecture, and An Early Prototype, Snapp et al., <i>Proc. 14th National Computer Security Conference</i> , Washington, DC (9 pages.) (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					1991
Am	J	"Proactive Password Checking", Matt Bishop, <i>Proc. of the 7th International Conference on Information Security</i> , May 1991, pp. 169-181. (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					1991
Am	K	Dissertation entitled "Issues in Debugging Sequential and Concurrent Programs: Methods, Techniques, and Implementation, University of California, Wingshun Wilson Ho, 191 pages. (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					1992
Am	L	Abstract entitled "Collaboration Using Roles" by M. Bishop, <i>Software-Practice and Experience</i> , Vol. 20, No. 5, May 1990. (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					5/90
Am	L	Abstract entitled "An Extendable Password Checker" by M. Bishop, <i>Proc. UNIX Security II</i> Portland, OR, 27-28 Aug. 1990, pp. 15-16, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					1990
Am	M	Abstract entitled "A Security Analysis of the NTP Protocol Version 2" by M. Bishop.					12/90
Am	N	Abstract entitled "A Little Knowledge Goes a Long Way: Faster Detection of Compromised Data in 2-D Tables" by D. Gusfield, <i>Proc. of the 1990 IEEE Symposium on Research in Security and Privacy</i> , Oakland, CA, 7-9 May 1990, pp. 86-94, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					5/90
Am	O	Abstract entitled "A Network Security Monitor" by L.T. Heberlein, G.V. Dias, K.N. Levitt, B. Mukherjee, and others, <i>Proc. of the 1990 IEEE Symposium on Research in Security and Privacy</i> , Oakland, CA, 7-9 May 1990, pp. 296-304, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					5/90
EXAMINER <b>Abdulkim Noharav</b>				DATE CONSIDERED <b>9/25/03</b>			
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							YES NO
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<b>NON-PATENT DOCUMENTS</b>							
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
am	E	Abstract entitled "Static Analysis Virus Detection Tools for UNIX Systems" by P. Kerchen, et al., <i>Proc. 13th National Computer Security Conference</i> , Washington, DC, 1-4 Oct. 1990, pp. 350-365, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					10/90
am	F	Abstract entitled "Security with Low Communication Overhead" by D. Beaver, et al., <i>Proc. Advances in Cryptology-CRYPTO '90</i> , Santa Barbara, CA, 11-15 August, 1990, pp. 62-76, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					8/90
am	G	Abstract entitled "The Round Complexity of Secure Protocols" by D. Beaver, et al., <i>Proc. of the 22nd Annual ACM Symposium on Theory of Computing</i> , Baltimore, MD, 14-16 May 1990, pp. 503-513. (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					5/90
am	H	Abstract entitled "PACLs: An Access Control List Approach to Anti-Viral Security" by D.R. Wichers, et al., <i>Proc. 13th National Computer Security Conference</i> , Washington, DC, 1-4 Oct. 1990, pp. 340-349. (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					10/90
am	I	Abstract entitled "Verification of Secure Distributed Systems in Higher Order Logic: A Modular Approach Using Generic Components" by J. Alves-Foss, K. Levitt, <i>Proc. of the 1991 IEEE Computer Society Symposium on Research in Security and Privacy</i> , Oakland CA 20-22 May 1991, pp. 122-35. (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					5/91
am	J	Abstract entitled "An Authentication Mechanism for USENET" by M. Bishop, <i>Proc. of the Winter 1991 USENIX Conference</i> . 21-25 Jan. 1991, pp. 281-287, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					1/91
am	K	Abstract entitled "Password Management" by M. Bishop, <i>COMPCON Spring '91. Digest of Papers</i> . San Francisco, CA, 25 Feb.-1 March 1991, pp. 167-169. (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					3/91
am	L	Abstract entitled "Teaching Computer Security" by M. Bishop.					5/93
am	M	Abstract entitled "Recent Changes to Privacy Enhanced Electronic Mail" by M. Bishop, <i>Journal of Internetworking: Research and Experience</i> . Vol. 4, No. 1, March 1993, pp. 47-59. (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					3/93
am	N	Abstract entitled "A Modified Random Perturbation Method for Database Security" by P. Tendick, N. Matloff, <i>ACM Transactions on Database Systems</i> , March 1994, Vol. 19, No. 1, pp. 47-63, (found at <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> ).					3/94
am	O	Short presentation entitled "Intrusion Detection for network Infrastructures" by S. Cheung, K.N. Levitt, C. Ko. <i>The 1995 IEEE Symposium on Security and Privacy</i> , Oakland CA.					5/95
am	P	Master Thesis entitled "Paradigms for the Reduction of Audit Trails" by B. Wetmore, downloaded from <a href="http://seclab.cs.ucdavis.edu/papers.html">http://seclab.cs.ucdavis.edu/papers.html</a> .					1993
am	Q	"Open System Security - an Architectural Framework" by Arto T. Karila, (found at <a href="http://www/cs.purdue.edu/coast/archive/data/categ.30.html">http://www/cs.purdue.edu/coast/archive/data/categ.30.html</a> ).					6/91
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PTO-1449

Information Disclosure Citation  
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Application No.

09/415,293

Applicant(s)

Earl T. Carter

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Technology Center 2100

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## FOREIGN PATENT DOCUMENTS

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						YES NO
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## NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
<i>an</i> E	Product description for "Oil Change" located on the Internet at <a href="http://store.mcafee.com/product.asp?ProductID=28&amp;CategoryID=12">http://store.mcafee.com/product.asp?ProductID=28&amp;CategoryID=12</a> , pp.1-2	Unknown
<i>an</i> F	NetRanger 1.3 User's Guide, Copyright © 1997 by WheelGroup Corporation, NetRanger product first available summer of 1996.	1996
<i>an</i> G	"Information Security and Privacy in Network Environments," by U.S. Office of Technology Assessment, OTA-TCT-606 (Washington DC: US Government Printing Office).	9/94
<i>an</i> H	"A Few Attacks on the Zero Knowledge State in Novell's Netware" by Greg Miller, pp.1-11. (found at <a href="http://www.cs.purdue.edu/coast/archive/data/categ30.html">http://www.cs.purdue.edu/coast/archive/data/categ30.html</a> ).	7/30/96
<i>an</i> I	"Introduction to Algorithms," by Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, Chap. 34, pp. 853-885, Copyright © 1990	1990
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